

Title (en)

FAST CASCADED CLASS AB OUTPUT STAGE WITH FET DEVICES

Title (de)

SCHNELLE, KASKADIERTE AUSGANGSSTUFE DER KLASSE AB MIT FET-VORRICHTUNGEN

Title (fr)

ETAGE DE SORTIE DE CLASSE AB EN CASCADE RAPIDE METTANT EN OEUVRE DES DISPOSITIFS A TRANSISTOR FET

Publication

EP 1518322 B1 20100303 (EN)

Application

EP 03715264 A 20030428

Priority

- IB 0301708 W 20030428
- US 15624802 A 20020528

Abstract (en)

[origin: WO03100967A1] A set of class AB output stages are cascaded to provide a class AB device circuit which utilizes relatively small transistors, low power, and virtually eliminates crossover distortion. The input may be powered by a voltage or a current source.

IPC 8 full level

H03F 3/16 (2006.01); **H03F 3/68** (2006.01); **H03F 1/02** (2006.01); **H03F 1/32** (2006.01); **H03F 3/18** (2006.01); **H03F 3/30** (2006.01); **H03F 3/345** (2006.01)

CPC (source: EP KR US)

H03F 1/0205 (2013.01 - EP US); **H03F 1/32** (2013.01 - KR); **H03F 1/3217** (2013.01 - EP US); **H03F 3/16** (2013.01 - EP KR US); **H03F 3/3011** (2013.01 - EP US); **H03F 3/345** (2013.01 - EP US)

Cited by

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03100967 A1 20031204; AT E460008 T1 20100315; AU 2003219452 A1 20031212; CN 1656673 A 20050817; CN 1656673 B 20100526; DE 60331544 D1 20100415; EP 1518322 A1 20050330; EP 1518322 B1 20100303; JP 2005528056 A 20050915; KR 20050007561 A 20050119; US 2003222718 A1 20031204; US 6727758 B2 20040427

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